

PRODUCT NAME

HOLLYLAND COSMO C1 3G-SDI/HDMI

DESCRIPTION

The Hollyland COSMO C1 set is a professional wireless video transmission system designed to facilitate real-time transmission of 1080p video signals. It is widely used in various industries such as broadcasting, live events, film and sports production. The COSMO C1 set is based on a transmitter and receiver unit that work together to establish a reliable and stable wireless connection.

The transmitter unit is equipped with HDMI, SDI input and SDI loop ports, allowing it to receive video signals from a wide range of devices such as cameras, monitors and switchers. It supports multiple video formats, including 1080p. The transmitter uses advanced encoding technology to compress video signals while maintaining excellent image quality and ultra-low latency.

The receiver unit features HDMI and SDI output connectors for seamless integration with displays, recorders, and other video equipment. It can receive compressed video signals wirelessly from the transmitter using a robust wireless transmission protocol. The receiver unit uses sophisticated decoding algorithms to decompress the video signals and deliver them in real time with latency as low as 0.04 s. The HEVO system, based on a protocol developed by Hollyland, improves encoding performance by 30% with H.265 (HEVC).

The Hollyland COSMO C1 set operates in the 5 GHz frequency band and uses multiple antennas and

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DESCRIPTION (CONTINUED)

adaptive frequency hopping techniques to ensure stable and interference-free transmission. It supports a maximum transmission range of up to ~305 meters in open areas, providing flexibility and freedom of movement for the cameraman or crew. The COSMO C1 is encrypted to prevent video signal leakage and also supports UVC streaming.

To maintain a reliable connection, the COSMO C1 set incorporates strong error correction mechanisms, automatic channel selection and intelligent transmission power adjustment. These features help mitigate signal degradation caused by environmental factors such as interference, obstacles, and distance, ensuring a consistent video transmission experience.

The system also offers easy-to-use features and controls. The transmitter and receiver units feature OLED displays that allow users to monitor signal strength, battery status and other important information. The set can be powered by AC power, a dedicated battery (not included), or a USB-C interface. In addition, the units are compact, lightweight and designed for easy mounting or integration into existing setups.

Rent reliable Hollyland COSMO C1 set at SQM Rental House!

SPECIFICATIONS

Frequency band (GHz)	5
Supported video formats	720p50/60; 1080psf24/25; 1080p24/25/30; 1080i50/60; 1080p50/60 (SDI - Receiver)
Supported video formats	720p50/59.94/60; 1080psf23.98/24/25; 1080p23.98/24/25/29.97/30/50/59.94/60 (SDI - Transmitter)
Supported video formats	480p60; 576p50; 720p50/60; 1080i50/60; 1080p24/25/30; 1080p50/60 (HDMI - Receiver)
Supported video formats	480p60; 576p50; 720p50/59.94/60; 1080i50/59.95/60; 1080p23.98/24/25/29.9/30; 1080p50/59.94/60 (HDMI - Transmitter)
Device type	Receiver
Device type	Transmitter
Working range (m)	305
Width (mm)	70
Width (mm)	290 (Case)
Height (mm)	265 (Case)
Height (mm)	115
Set contains	1 x Hollyland magic arm
Set contains	1 x USB-C converter
Set contains	1 x Carrying case
Set contains	1 x COSMO C1 receiver
Set contains	2 x Mushroom antenna
Set contains	1 x 1/4" Cold Shoe

SPECIFICATIONS

Set contains	Power supply
Set contains	1 x COSMO C1 transmitter
Set contains	4 x Antenna
Net weight (kg)	0.21 (Receiver)
Net weight (kg)	0.214 (Transmitter)
Net weight (kg)	2.2 (Case with set)
Depth (mm)	137 (Case)
Depth (mm)	32
Connectors	1 x USB-C (Transmitter)
Connectors	2 x Antenna (Transmitter)
Connectors	1 x HDMI (Output - Receiver)
Connectors	2 x BNC (SDI Output - Receiver)
Connectors	1 x USB-C (Receiver)
Connectors	2 x Antenna (Receiver)
Connectors	1 x HDMI (Input - Transmitter)
Connectors	2 x BNC (SDI Input/Loop - Transmitter)